

Amendments to the Claims:

The listing of claims below is intended to replace all prior listings of claims presented in the above-identified application.

1-27 (canceled)

28. (previously presented) A polymer-containing composition comprising hexagonal boron nitride platelets having an aspect ratio of from about 50 to about 300 and a polymer.

29. (previously presented) The polymer-containing composition according to claim 28, wherein the platelets have a surface area of at least about 20 m²/g.

30. (previously presented) The polymer-containing composition according to claim 29, wherein the platelets have a surface area of at least about 40 m²/g.

31. (previously presented) The polymer-containing composition according to claim 30, wherein the platelets have a surface area of at least about 60 m²/g.

32. (previously presented) The polymer-containing composition according to claim 28, wherein the platelets have a characteristic diameter greater than about 1 micron.

33. (currently amended) The polymer-containing composition according to claim 28, wherein the platelets have a D₁₀ diameter of between about 1 [[mm]] μm and about 2.5 [[mm]] μm.

34. (previously presented) The polymer-containing composition according to claim 28, wherein the platelets have a thickness of no more than about 50 nm.

35. (previously presented) The polymer-containing composition according to claim 28, wherein the platelets have a crystallization index of at least 0.15.

36. (previously presented) The polymer-containing composition according to claim 28, wherein the polymer-containing composition comprises no more than about 500 ppm B₂O₃.

37. (previously presented) The polymer-containing composition according to claim 28, wherein the hexagonal boron nitride powder comprises at least about 0.5 wt% B₂O₃.

38. (previously presented) The polymer-containing composition according to claim 28, wherein the polymer is a thermoplastic polymer.

39. (previously presented) A polymer-containing composition, comprising:
a melt processable polymer;
a polymer processing aid; and
hexagonal boron nitride platelets having an aspect ratio of from about 50 to about 300.

40. (previously presented) The polymer-containing composition according to claim 39, wherein the platelets have a surface area of at least about 20 m²/g.

41. (previously presented) The polymer-containing composition according to claim 40, wherein the platelets have a surface area of at least about 40 m²/g.

42. (previously presented) The polymer-containing composition according to claim 41, wherein the platelets have a surface area of at least about 60 m²/g.

43. (previously presented) The polymer-containing composition according to claim 39, wherein the platelets have a characteristic diameter greater than about 1 micron.

44. (currently amended) The polymer-containing composition according to claim 39, wherein the platelets have a D₁₀ diameter of between about 1 [[mm]] μm and about 2.5 [[mm]] μm.

45. (previously presented) The polymer-containing composition according to claim 39, wherein the platelets have a thickness of no more than about 50 nm.

46. (previously presented) The polymer-containing composition according to claim 39, wherein the platelets have a crystallization index of at least 0.15.

47. (previously presented) The polymer-containing composition according to claim 39, wherein the hexagonal boron nitride powder comprises no more than about 500 ppm B_2O_3 .

48. (previously presented) The polymer-containing composition according to claim 39, wherein the hexagonal boron nitride powder comprises at least about 0.5 wt% B_2O_3 .

49. (previously presented) The polymer-containing composition according to claim 39, wherein the melt processable polymer is a thermoplastic polymer.

50. (canceled)